

ABSTRACT OF THE DISCLOSURE

The invention provides an automatic analyzer which can realize efficient continuous measurement on many samples and shorten a waiting time to analysis, particularly, for a sample having a high degree of urgency. The automatic analyzer comprises a conveyer line capable of moving a sample rack back and forth, a randomly accessible buffer disposed at each of both ends of the conveyer line, and an analysis unit connected to the conveyer line. In the automatic analyzer with high performance, a sufficient area for use as, e.g., a re-analysis buffer, can be ensured while realizing a compact system size. The analysis system is also promptly adaptable for an analysis request for an urgent sample.